

Please replace the first paragraph of the 1st embodiment on page 6 with the following amended paragraph:

Referring now to FIG. 4, we show there a structure that is similar to the one shown in FIG. 1, but modified in accordance with the teachings of the present invention. As before, upper pole 11 (typically between about 0.3 and 3 microns thick) and lower pole 12 (typically between about 0.3 and 3 microns thick) enclose, between them, field coil 14. The key novel feature is ledge 41 of magnetic (high permeability) material that extends outwards away from the main body of lower pole 12 a distance of between about 0.1 and 1 micron. It has a thickness between about 0.2 and 2 microns and a width between about 0.05 and 1 micron. The outer edge of ledge 41 has the same width as, and is in alignment with, the outer edge of top pole 11 so that write gap 13 lies between them and said widths define the track width TW to be between about 0.05 and 1 micron. As a result, most of bottom pole 12 is set back some distance from the ABS and so has relatively little magnetic interaction with the disk surface. FIG. 7 is an isometric view that illustrates the spatial relationships between top pole 11 and bottom poles 41 and 12.